

Attorney Docket No. P63366US1
Application No. 10/779,695

Amendments to the claims:

This listing of claims replaces all prior versions, and listings, of claims in the application.

Listing of claims:

Claims 1-3 (cancelled).

4 (currently amended): The motor spindle of claim 9 ~~rotating cutter head according to claim 3,~~
characterized in that said disk provides cutting speeds of 20-60 m/s.

Claim 5 (cancelled).

6 (currently amended): The method motor spindle of claim 5 ~~9~~ characterized in that the periphery
cutting speed is 20 to 60 meters/second.

7 (currently amended): The method motor spindle of claim 5 ~~9~~ wherein the elastomer is the surface
of a roller.

Attorney Docket No. P63366US1
Application No. 10/779,695

8 (currently amended): The method motor spindle of claim 5 9 wherein the elastomer has a shore hardness in the range from 10 Shore A to 100 Shore D.

9 (currently amended): In a motor spindle comprising a spindle and cutter head for working the surface of an elastomer on a rotationally symmetrical body, the improvement wherein the cutter head ~~is the rotating cutter head according to claim 3~~ comprises

= a disk having a diameter of 200-800 mm and a radial periphery, characterized in that said disk effects cutting speeds at said periphery of 10-100 meters/second, while rotating at up to 3000 rpm, and

= indexable inserts or annular cutting tools provided on said radial periphery and attacking in the radial direction, characterized in that the number of said indexable inserts or annular cutting tools on the periphery of said disk is 10-30.